

Cooperative Automated Transportation (CAT) Coalition Peer Exchange & Outreach Working Group

July 20, 2018 Webinar
Notes and Summary of Discussions

Summary of Action Items

- *Anyone interested in helping Ed Seymour coordinate the activities of this WG is asked to email Ed at catoutreachwg@gmail.com. Ed is looking for two volunteers – one for public outreach and one for outreach to the technical community (both private and public sector).*
- *Anyone interested in presenting during the Peer Exchange and Outreach portion of future webinars should send an email to catoutreachwg@gmail.com describing the proposed topic of the presentation.*
- *Ed and Dean to create future agenda items to discuss volunteers from this working group submitting presentation requests to NENA, APCO, and TSAG for future events – with the intent of reaching out to the emergency responder community.*
- *Ed to identify a representative from the CAT Coalition to support the ATSSA presentation in February. Dean to support preparation of the presentation, if needed.*
- *Bill Gouse to provide an update on SAE Standards during the September webinar of this working group (including SAE J3018)*

Welcome

Ed Seymour (TTI and Chair of the Peer Exchange & Outreach Working Group) welcomed everyone to the webinar. Ed provided a recap of the initial webinar of this working group. During the initial webinar, it was agreed that this group would meet bi-monthly and that each webinar would typically have three recurring agenda topics, summarized as follows:

1. Facilitate outreach & peer exchange on monthly webinars – 25 minutes per webinar;
2. Identify needs and create more formal outreach activities – 25 minutes per webinar; and
3. Provide a forum for associations to announce upcoming CAT related meetings, conferences, and webinars – 10 minutes per webinar.

Ed reminded members that he has set up a dedicated email address for this working group: catoutreachwg@gmail.com. Ed and Dean will both answer emails to this address. Members are invited to send any requests or suggestions to this address.

Ed noted that Brian Watson would be discussing a request for a speaker at the February 2019 American Traffic Safety Services Association (ATSSA) annual meeting. Also, during the initial

webinar, the topic of outreach to the emergency responder community was discussed and Skip Yeakel will address that topic today.

Finally, Ed noted that he is looking for two people to work with him to help coordinate the activities of this WG – one for public outreach and one for outreach to the technical community (both private and public sector). *Action Item: Anyone interested in volunteering to support Ed in either of these roles is asked to please email the WG email address: catoutreachwg@gmail.com*

Outreach and Peer Exchange

Ed introduced the two outreach and peer exchange topics for today’s webinar. Ed reminded members that they are welcome to send a request to present during this portion of the bi-monthly webinars.

Outreach and Peer Exchange Topic #1: National Dialog on Highway Automation

Anita Kim (Volpe) provided an overview of the USDOT effort to conduct a national dialog on highway automation. The National Dialog is a series of workshops to engage stakeholders involved in highway automation to allow input to USDOT on a variety of topics. Anita reviewed that, at the time of this webinar, three workshops had been conducted, and four workshops remained. The dates, primary topics, and locations of the remaining workshops are:

| | | |
|-------------------|----------------------------------|-------------|
| August 1-2nd | Digital Infrastructure and Data | Seattle, WA |
| September 5-6th | Freight | Chicago, IL |
| October 24-25th | Operations | Phoenix, AZ |
| Week of Nov. 12th | Infrastructure Design and Safety | Austin, TX |

Outreach and Peer Exchange Topic #2: Frisco, Texas Automated Shuttle

Ed provided a summary of the Frisco Texas driverless shuttles. A partnership of the Frisco Transportation Management Association (TMA) and Drive.ai will offer rides to the general public using self-driving vehicles within a geofenced area in Frisco Texas on public roads. The initial pilot will run for six months, beginning with fixed pickup and drop-off locations around HALL Park and The Star, and with planned expansion into Frisco Station. This program will be the first operation of on-demand self-driving car service on public roads within Texas.

The driverless shuttle is scheduled to start in approximately a month and last approximately 6 months. Ed shared a variety of links to websites with information about the demonstration.

- <https://www.dallasnews.com/news/frisco/2018/05/07/nations-first-self-driving-car-service-public-coming-frisco-july>
- <https://www.wired.com/story/self-driving-cars-texas-frisco-driveai/>
- <https://www.dcta.net/routes-schedules/other-dcta-services/frisco-av>

Identification of More Formal Outreach Needs and Approaches

Outreach to Emergency Responders

Skip Yeakel explained the need to outreach to members of the emergency service providers to share the benefits of Connected and Automated Vehicles (CAVs) and to understand their needs and early applications that might benefit them.

The group discussed the Transportation Safety Advancement Group (TSAG – www.TSAG-ITS.org) as a mechanism to reach responders and noted there would be a meeting in association with the ITE Annual Meeting in August.

It was also suggested that the National Emergency Number Association (NENA) and the Association of Public Safety Communications Officials (APCO) are good associations to present and engage with members of the public safety community.

Action Item: Ed and Dean to create future agenda items to discuss volunteers from this working group submitting presentation requests to NENA, APCO, and TSAG for future events.

Presentation to ATSSA

Brian Watson described that ATSSA is planning either a presentation or a session at their February 2019 annual meeting and would like outreach from the CAT Coalition to present the activities and progress of the coalition. The audience would be members of the traffic control industry, and they would like an update regarding the following:

- What is coming regarding V2I ?
- What is the CAT Coalition & role?
- How does the CAT Coalition fit with other groups?
- What are possible implications on the MUTCD?

Action Item: Ed to identify a representative from the CAT Coalition to support the ATSSA presentation in February. Dean to support preparation of the presentation, if needed.

Associations Announcements of Upcoming Meetings, Conferences and Webinars

Ed introduced the recurring agenda item where associations (or other members) are welcome to share upcoming meetings, conferences, or webinars they feel members might want to participate in.

- Ed shared a planned CV 102 Training in Austin, Texas on August 8th.
- Siva Narla (ITE) shared plans for the ITE Annual meeting the week of August 20th in Minneapolis.
- Carlos Alban (ITS America) shared that ITS America is working with USDOT to plan CV 201 training to be offered throughout the country, and offered to update members on future webinars.

Open Floor for Information Sharing

Ed opened the floor for members to ask questions or make announcements.

Bob Ferlis noted that FHWA conducted interoperability security testing with the CV Pilot sites at the Turner Fairbanks Highway Research Center (TFHRC). This represented the first time an end-to-end test of security interoperability was conducted.

There was a request for a briefing on the status of SAE standards, specifically J3018 (Guidelines for Safe On-Road Testing of SAE Level 3, 4, and 5 of automated driving systems). Bill Gouse offered to present an update on the SAE standards during the next webinar.

Action Item: Bill Gouse to provide an update on SAE Standards during the next webinar (including SAE J3018)

Upcoming Webinar Topics & Close

The next Peer Exchange & Outreach Working Group webinar will be September 21, 2018 at 2:00PM Eastern. Ed reminded members of the email address to send any ideas or suggestions: catoutreachwg@gmail.com.